Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

INDEX

NAMES OF CONTRIBUTORS ARE PRINTED IN SMALL CAPITALS.

Alcoholized Mammals, Hereditary Transmission of Degeneracy and Deformities by the Descendants of, CHARLES R. STOCKARD and GEORGE PAPANICOLAOU, 65, 144

Algæ, Red, Life Histories in, BRADLEY MOORE DAVIS, 502

ALLARD, H. A., The Status of Fowler's Toad, 757

Angiosperms, Hybridism and the Rate of Evolution in, EDWARD C. JEFFREY, 129

BAGG, HALSEY J., Individual Differences and Family Resemblances in Animal Behavior, 222

Barnacle, Conchoderma virgatum, attached to a Fish, Diodon hystrix, W. J. CROZIER, 636

BARTLETT, HARLEY HARRIS, The Status of the Mutation Theory with especial reference to Œnothera, 513

Beans, Inheritance of Eye Pattern in and its Relation to Type of Vine, FRANK M. SURFACE, 577

Bees, The Eugster Gynandromorph, T. H. MORGAN, 39

Behavior, Animal, Individual Differences and Family Resemblances in, HALSEY J. BAGG, 222; Genetic, of Mice of the Color Varieties "Black-and-Tan" and "Red," L. C. DUNN, 664

Blending and Mendelian Inheritance, W. E. CASTLE, 321

Butterflies, Poulton on Mimicry in, JOHN H. GEROULD, 184; The Inheritance of Seasonal Polpmorphism in, JOHN H. GEROULD, 310

Cacti, Distribution of, with special reference to the Rôle played by the Root Response to Soil Temperature and Soil Moisture, W. A. CANNON, 435

CALKINS, GARY N., General Biology of the Protozoan Life Cycle, 257

CANNON, W. A., Distribution of the Cacti with special reference to the Rôle played by the Root Response to Soil Temperature and Soil Moisture, 435

CASTLE, W. E., Variability under Inbreeding and Crossbreeding, 178; Can Selection cause Genetic Change?, 248; New Light on Blending and Mendelian Inheritance, 321; Tables of Linkage Intensities, 575

Cataract, Congenital, Inheritance of, D. F. JONES and S. L. MASON, 119, 751; The Inheritance of Congenital, C. H. DANFORTH, 442

Cell, Evolution of the, E. A. MINCHIN, 5, 106, 271

Character, Systematic and Phylogenetic, The Shape of the Sternum in Scorpions as a, ALEXANDER PETRUNKEVITCH, 600

Chin, Evolution of the, T. T. WATERMAN, 237

Chromosome Studies on the Diptera, Drosophilidæ, CHARLES W. METZ, 587

Color, Factor, Pink-eyed White Mice carrying the, J. A. DETLEFSON, 46; Mutations in Mice, The Occurrence of Three Recognized, C. C. LITTLE, 335; Varieties, "Black-and-Tan" and "Red" of Mice, The Genetic Behavior of, L. C. DUNN, 664

Correlation, and Contingency, An Outline of Current Progress in the Theory of, J. ARTHUR HARRIS, 53; Variation and Inheritance of Fertility in the Mammals, J. ARTHUR HARRIS, 626

Cows, Advanced Registry, Statistical Weighting for Age of, C. W. HOLDAWAY, 676

Crossbreeding and Inbreeding, Variability under, W. E. CASTLE, 178

Crossing-over, The Mechanism of, HERMANN J. MULLER, 193, 284, 350, 421

CROZIER, W. J., On a Barnacle, Conchoderma virgatum, attached to a Fish, Diodon hystrix, 636

DANFORTH, C. H., The Inheritance of Congenital Cataract, 442

DAVENPORT, CHAS. B., The Form of Evolutionary Theory that Modern

Genetical Research seems to favor, 449
DAVIS, BRADLEY MOORE, Life Histories in the Red Algæ, 502; Œnothera neo-Lamarckiana, Hybrid of L. franciscana Bartlett × O. biennis Linnæus, 688
DETLEFSON, J. A., Pink-eyed White Mice, carrying the Color Factor, 46
Diptera, Chromosome Studies on the, III, Drosophilidæ, CHARLES W. METZ, 587
DUNN, L. C., The Genetic Behavior of Mice of the Color Varieties "Black-and-Tan" and "Red," 664

Egg Production and Selection, H. D. GOODALE, 479
EMERSON, R. A., The Calculation of Linkage Intensities, 411
Epilobium, Hybrids of the Genus, R. HOLDEN, 243
Evolution, of the Cell, E. A. MINCHIN, 5, 106, 271; the Rate of, and Hybridism in Angiosperms, EDWARD C. JEFFREY, 129; of the Chin, T. T. WATERMAN, 237; in Various Plant Types, Comparative Rapidity of, EDMUND W. SINNOTT, 466
Evolutionary, Theory, The Form that Modern Genetical Research seems to favor, CHAS. B. DAVENPORT, 449; Significance of the Osmotic Pressure of the Blood, GEORGE G. SCOTT, 641
EWING, H. E., Trifolium pratense quinquefolium, 370

Family Resemblances and Individual Differences in Animal Behavior, HALSEY J. BAGG, 222
Fasciation in Maize Kernels, T. K. WOLFE, 306
Faunal Dispersal, FRANK E. LUTZ, 374
Fecundity in the Domestic Fowl and the Selection Problem, RAYMOND PEARL, 89
Fertility, Inheritance of, Variation and Correlation, in the Mammals, J. ARTHUR HARRIS, 626
FOWLER, HENRY W., Some Features of Ornamentation in the Killifishes or Toothed Minnows, 743
Fowler's Toad, Status of, H. A. ALLARD, 757

Gametogenesis in Plants, L. B. WALTON, 498
GATES, R. RUGGLES, Huxley as a Mutationist, 126
Genetic, Change, Can Selection cause it?, W. E. CASTLE, 248; Research, The Form of Evolutionary Theory that it seems to favor, CHAS. B. DAVENPORT, 449; Behavior of Mice of the Color Varieties "Black-and-Tan" and "Red," L. C. DUNN, 664
GEROULD, JOHN H., Poulton on Mimicry in Butterflies, 184; The Inheritance of Seasonal Polymorphism in Butterflies, 310
GOLDSCHMIDT, RICHARD, Experimental Intersexuality and the Sex Problem, 705
GOODALE, H. D., Egg Production and Selection, 479

HARRIS, J. ARTHUR, An Outline of Current Progress in the Theory of Correlation and Contingency, 53; Variation, Correlation and Inheritance of Fertility in the Mammals, 626; Statistical Studies of the Number of Nipples in the Mammals, 696
Hibernation, Theories of, ANDREW T. RASMUSSEN, 609
HOLDAWAY, C. W., Statistical Weighting for Age of Advanced Registry Cows, 676
HOLDEN, R., Hybrids of the Genus Epilobium, 243
Huxley as a Mutationist, R. RUGGLES GATES, 126
Hybridism and the Rate of Evolution in Angiosperms, EDWARD C. JEFFREY, 129
Hybrids of the Genus Epilobium, R. HOLDEN, 243

Inbreeding and Crossbreeding, Variability under, W. E. CASTLE, 178
Individual Differences and Family Resemblances in Animal Behavior, HALSEY J. BAGG, 222
Inheritance, of Congenital Cataract, D. F. JONES and S. L. MASON, 119, 751; C. H. DANFORTH, 442; of Seasonal Polymorphism in Butterflies, JOHN H. GEROULD, 310; The Cause of the Belief in Use, A. L. KROEBER, 367; Studies in Pisum, ORLAND E. WHITE, 530; of Sex in the Grape, W. D. VALLEAU, 554; of Eye Pattern in Beans and its Relation to Type of Vine, FRANK M. SURFACE, 577; of Fertility, Variation and Correlation

in the Mammals, J. ARTHUR HARRIS, 626
Intersexuality, Experimental, and the Sex Problem, RICHARD GOLDSCHMIDT, 705

JEFFREY, EDWARD C., Hybridism and the Rate of Evolution in Angiosperms, 129
JONES, D. F., and S. L. MASON, Inheritance of Congenital Cataract, 119, 751

KROEBER, A. L., The Cause of the Belief in Use Inheritance, 367

Life, Cycle, Protozoan, Biology of the, GARY N. CALKINS, 257; Histories in the Red Algæ, BRADLEY MOORE DAVIS, 502
Linkage Intensities, Calculation of, R. A. EMERSON, 411; Tables of, W. E. CASTLE, 575
LITTLE, C. C., The Occurrence of Three Recognized Color Mutations in Mice, 335
LUTZ, FRANK E., Faunal Dispersal, 374

MCDOWELL, E. C., Piebald Rats and Multiple Factors, 719
Mammals, Variation, Correlation and Inheritance of Fertility in the, J. ARTHUR HARRIS, 626; Statistical Study of the Number of Nipples in the, J. ARTHUR HARRIS, 696
MASON, S. L., and D. F. JONES, Inheritance of Congenital Cataract, 119, 751
Mendelian Inheritance and Blending, W. E. CASTLE, 321
METZ, CHARLES W., Chromosome Studies on the Diptera, III, Drosophilidæ, 587
Mice, Pink-eyed White, carrying the Color Factor, J. A. DETLEFSON, 46; The Occurrence of Three Recognized Color Mutations in, C. C. LITTLE, 335; of the Color Varieties "Black-and-Tan" and "Red," The Genetic Behavior of, L. C. DUNN, 664
Mimicry in Butterflies, Poulton on, JOHN H. GEROULD, 184
MINCHIN, E. A., The Evolution of the Cell, 5, 106, 271
MORGAN, T. H., The Eugster Gynandromorph Bees, 39
MULLER, HERMANN J., The Mechanism of Crossing-over, 193, 284, 350, 421
Multiple Factors and Piebald Rats, E. C. MCDOWELL, 719
Mutation Theory with Especial Reference to Œnothera, HARLEY HARRIS BARTLETT, 513
Mutationist, Huxley as a, R. RUGGLES GATES, 126
Mutations in Mice, The Occurrence of Three Recognized Color, C. C. LITTLE, 335

Newt, the Vermilion-spotted, D. viridescens, Variations in, ALBERT M. REESE, 316
NICHOLS, JOHN TREADWELL, On Primarily Unadaptive Variants, 565
Notes and Literature, 53, 184, 374, 502

Œnothera, Mutation Theory with especial reference to, HARLEY HARRIS BARTLETT, 513; neo-Lamarckiana Hybrid of O. franciscana Bartlett × O. biennis Linnæus, BRADLEY MOORE DAVIS, 688
Ornamentation in the Killifishes or Toothed Minnows, HENRY W. FOWLER, 743
Osmotic Pressure of the Blood, The Evolutionary Significance of the, GEORGE G. SCOTT, 641

PAPANICOLAOU, GEORGE and CHARLES R. STOCKARD, A Further Analysis of the Hereditary Transmission of Degeneracy and Deformities by the Descendants of Alcoholized Mammals, 65, 144
Parthenogenesis and Sexual Reproduction in Rotifers, D. D. WHITNEY, 50
PEARL, RAYMOND, Fecundity in the Domestic Fowl and the Selection Problem, 89
PETRUNKEVITCH, ALEXANDER, The Shape of the Sternum in Scorpions as a Systematic and a Phylogenetic Character, 600
Petunia, Selective Partial Sterility as an Explanation of the Double-throwing Stock and, EDITH R. SAUNDERS, 486; Breeding Experiments with, EDITH R. SAUNDERS, 548
Piebald Rats and Multiple Factors, E. C. MCDOWELL, 719
Pigeons, Sex Control and Known Correlations in, OSCAR RIDDLE, 385
Pink-eyed White Mice, carrying the Color Factor, J. A. DETLEFSON, 46

Pisum, Inheritance Studies in, ORLAND E. WHITE, 530
Plant Types, Comparative Rapidity of Evolution in Various, EDMUND W. SINNOTT, 466
Polymorphism in Butterflies, The Inheritance of Seasonal, JOHN H. GEROULD, 310
Poulton on Mimicry in Butterflies, JOHN H. GEROULD, 184
Protozoan Life Cycle, Biology of the, GARY N. CALKINS, 257

Rapidity of Evolution in Various Plant Types EDMUND W. SINNOTT, 466
RASMUSSEN, ANDREW T., Theories of Hibernation, 609
Rats, Piebald, and Multiple Factors, E. C. MCDOWELL, 719
REESE, ALBERT M., Variations in the Vermilion-spotted Newt, D. viridescens, 316
Reproduction, Sexual, and Parthenogenesis in Rotifers, D. D. WHITNEY, 50
RIDDLE, OSCAR, Sex Control and Known Correlations in Pigeons, 385
Rotifers, Parthenogenesis and Sexual Reproduction in, D. D. WHITNEY, 50

SAUNDERS, EDITH R., On Selective Partial Sterility as an Explanation of the Double-throwing Stock and the Petunia, 486; The Results of Further Breeding Experiments with Petunia, 548
Scorpions, The Shape of the Sternum in, as a Systematic and Phylogenetic Character, ALEXANDER PETRUNKEVITCH, 600
SCOTT, GEORGE G., The Evolutionary Significance of the Osmotic Pressure of the Blood, 641
Selection, Problem and Fecundity in the Domestic Fowl, RAYMOND PEARL, 89; Can it cause Genetic Change?, W. E. CASTLE, 248; and Egg Production, H. D. GOODALE, 479
Sex, Control and Known Correlations in Pigeons, OSCAR RIDDLE, 385; Inheritance of, in the Grape, W. D. VALLEAU, 554; Problem and Experimental Intersexuality, RICHARD GOLDSCHMIDT, 705
Shorter Articles and Discussion, 46, 119, 178, 248, 310, 367, 435, 486, 575, 626, 688, 751
SINNOTT, EDMUND W., Comparative Rapidity of Evolution in Various Plant Types, 466
Soil Temperature and Soil Moisture, Root Response to and the Distribution of the Cacti, W. A. CANNON, 435
Statistical, Weighting for Age of Advanced Registry Cows, C. W. HOLDAWAY, 676; Studies of the Number of Nipples in the Mammals, J. ARTHUR HARRIS, 696
Sternum, The Shape of, in Scorpions, as a Systematic and a Phylogenetic Character, ALEXANDER PETRUNKEVITCH, 600
STOCKARD, CHARLES R., and GEORGE PAPANICOLAOU, A Further Analysis of the Hereditary Transmission of Degeneracy and Deformities by the Descendants of Alcoholized Mammals, 65, 144
SURFACE, FRANK M., A Note on the Inheritance of Eye Pattern in Beans and its Relation to Type of Vine, 577

Trifolium pratense quinquefolium, H. E. EWING, 370

Use Inheritance, The Cause of the Belief in, A. L. KROEBER, 367

VALLEAU, W. D., Inheritance of Sex in the Grape, 554
Variability under Inbreeding and Crossbreeding, W. E. CASTLE, 178
Variants, Primarily Unadaptive, JOHN TREADWELL NICHOLS, 565
Variation, Correlation and Inheritance of Fertility in the Mammals, J. ARTHUR HARRIS, 626
Variations in the Vermilion-spotted Newt, D. viridescens, ALBERT M. REESE, 316

WALTON, L. B., Gametogenesis in Plants, 498
WATERMAN, T. T., Evolution of the Chin, 237
WHITE, ORLAND E., Inheritance Studies in Pisum, 530
WHITNEY, D. D., Parthenogenesis and Sexual Reproduction in Rotifers, 50
WOLFE, T. K., Fasciation in Maize Kernels, 306